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PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted with Initial Filing Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	Pha-1626
First Named Inventor	Asp
COMPLETE IF KNOWN	
Application Number	09 / 068,783
Filing Date	22-Feb-1999
Group Art Unit	1655
Examiner Name	Johannsen, D.

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

A Method of Sequencing

the specification of which

(Title of the Invention)

is attached hereto

OR

was filed on (MM/DD/YYYY) **02/22/1999**

as United States Application Number or PCT International

Application Number **09/068,783**

and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
			YES	NO	
9504099-4	Sweden	11/16/1995	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
		<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
PCT/SE96/01464	11/13/1996	

Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Customer Number 22840 → Place Customer Number Bar Code Label here
OR
 Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number

Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: Customer Number or Bar Code Label 22840 OR Correspondence address below

Name			
Address			
Address			
City	State	ZIP	
Country	Telephone	Fax	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: A petition has been filed for this unsigned inventor

Given Name (first and middle if any)		Family Name or Surname			
Allan		Asp			
Inventor's Signature				Date	
Residence: City	Uppsala	State	Country	Sweden	Citizenship
Post Office Address	Ramstalundsvägen 26				
Post Office Address					
City	Uppsala	State	ZIP	SE-755 91	Country
					Sweden

Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet

Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Peder		Carstenius					
Inventor's Signature	<i>Peder Carstenius</i>					Date	01-01-16
Residence: City	Enskede	State		Country	Sweden	Citizenship	SE
Post Office Address	Kistvägen 18						
Post Office Address							
City	Enskede	State		ZIP	SE-122 45	Country	Sweden
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Inventor's Signature						Date	
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Inventor's Signature						Date	
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	

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ASSIGNMENT OF APPLICATION	Docket Number (Optional) Pha-1626
<p>Whereas, I, <u>Allan Asp</u> of <u>Ramstalundsvägen 26 Uppsala Sweden SE-755 91</u>, hereafter referred to as applicant, have invented certain new and useful improvements in <u>A Method of Sequencing</u></p> <p><input checked="" type="checkbox"/> for which an application for a United States Patent was filed on <u>February 22, 1999</u>, Application Number <u>09/ 068,783</u>.</p> <p><input type="checkbox"/> for which an application for a United States Patent was executed on _____, and</p> <p>Whereas, Amersham Pharmacia Biotech AB of Sweden Björkgatan 30 "assignee" whose mailing address is <u>Uppsala Sweden S-751 84</u> is desirous of acquiring the entire right, title and interest in the same;</p> <p>Now, therefore, in consideration of the sum of <u>one</u> dollars (\$ <u>1.00</u>), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.</p> <p>Executed this <u>Wednesday</u> day of <u>17 January</u>, 2001, at <u>Ramstalundsv 26 75591 Uppsala Sweden</u></p> <p><u>Allan Asp</u> (Signature)</p> <p>State of <u>Uppsala</u>) SS: County of <u>Uppsala</u>) Before me personally appeared said _____ and acknowledged the foregoing instrument to be his free act and deed this _____ day of <u>January</u>, 20<u>01</u>.</p> <p>Seal _____ (Notary Public)</p>	

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
Pha-1626

Whereas, I, Peder Carstenius of Kistvägen 18
Enskede Sweden SE-122 45, hereafter
referred to as applicant, have invented certain new and useful improvements in _____
A Method of Sequencing

- for which an application for a United States Patent was filed on February 22, 1999
Application Number 09/ 068,783.

for which an application for a United States Patent was executed on _____, and

Whereas, Amersham Pharmacia Biotech AB of Sweden herein referred to
Björkgatan 30
"assignee" whose mailing address is Uppsala Sweden S-751 84 is de-
sirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 16th day of JANUARY, 2001
at STOCKHOLM, SWEDEN

Peter Castellucci

State of _____) SS:

(Signature)

State of _____
County of _____

County of _____
Before me personally appear

Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 20 _____.



Seal

(Notary Public)

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UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

JULY 24, 2001

PTAS

AMERSHAM PHARMACIA BIOTECH, INC.
ROYAL N. RONNING, JR.
800 CENTENNIAL AVENUE
PISCATAWAY, NJ 08855



101714784A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/04/2001

REEL/FRAME: 011774/0518
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

ASP, ALLAN

DOC DATE: 01/17/2001

ASSIGNEE:

CARSTENIUS, PEDER

DOC DATE: 01/16/2001

ASSIGNEE:

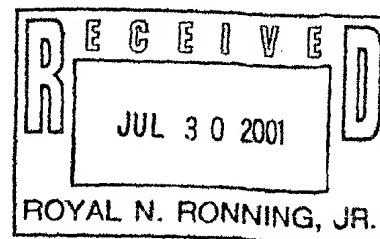
AMERSHAM PHARMACIA BIOTECH AB
BJORKGATAN 30
UPPSALA, SWEDEN S-751 84

SERIAL NUMBER: 09068783

FILING DATE: 02/22/1999
PATENT NUMBER:

ISSUE DATE:

MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



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5/11/01

05-11-2001

Docket No.: Pha-1626

NET

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101714784

To the Honorable Commissioner of Patents and Trademarks, please attach original documents or copy thereof.

1. Name of conveying party(ies):

Allan Asp
Peder Carstenius

2. Name and address of receiving party(ies):

Name: Amersham Pharmacia Biotech AB

Internal Address:

MAY 4 2001

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other _____

Execution Date: January 17, 2001

Street Address: Björkgatan 30

Uppsala Sweden S-751 84

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/068,783

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Royal N. Ronning, Jr.

6. Total number of applications and patents involved: 1

Internal Address: Amersham Pharmacia Biotech, Inc.

7. Total fee (37 CFR 3.41): \$ 40.00

Street Address: 800 Centennial Avenue

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

City: Piscataway State: NJ ZIP: 08855

Authorized to be charged to deposit account

8. Deposit account number:

500-588

05/11/2001 AHMED1 00000041 500588 09068783

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Royal N. Ronning, Jr.

Name of Person Signing

Signature

May 1, 2001

Date

Total number of pages including cover sheet, attachments, and document: 5